016-17.

ಬೃ.ಎನ್.ಪಿ. ಸ.ಲ. ವಾರ್ಡ್ ನಂ: 07.

7.10.2016 ರಂದು ಅನುಕ್ರಮಿಸಿದೆ.

ಚೆ 351301 ರಿಂದ 351400, ರ

ವರೆಗೆ ದೃಢೀಕರಿಸಿದೆ.

Executive Engineer 27/x
Byatarayanapura Division
BBMP, Bangalore-92

27/10

27/10

BR 25/28-4-17

SBR - 12/17-18

dt-27/4/17

M. A. R. 57 (Rule 116)
Measurement Book

No. B 351301

Serial No. First and final bill. Premeasurements:

Name of Work Construction of drains From in Hoodi Muni- to Ramappa layout in ward 7 by-Byatarayanapura

Name of Contractor of nature of Agency Ravi kumar KN

Date of commencement of work 10-03-17

| Date | Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | Est Cost: | 10.00 lakhs. | | | | | |
| | Job code: | 007-17-000009 | | | | | |
| | Head of Account: | P1771 | | | | | |
| | A.S. No:- | AS/EE/(BTP)/57/16-17; dt: 14-12-16. | | | | | |
| | T.S. No:- | TS/EE/(BTP)/71/16-17; dt: 14-01-17. | | | | | |
| | Tender price:- (Approved) | 9700807.77 | | | | | |
| | Agr No:- | No. BBMP/EE/BTP/Agr/16-17; dt: 07-03-17. | | | | | |
| | Work order No:- | No. BBMP/EE/BTP/WO/186/16-17; dt 07-03-17. | | | | | |

# MEASUREMENT BOOK

| Date | Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | Premeasurements recorded on: 13/3/17 | | | | | | |
| | Item No 01:- | | | | | | |
| | Earthworks excavation by manual means in ordinary soil involving an average horizontal throw upto 2m and an average lift upto 1.5m, excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking clods complete as per specification: | | | | | | |
| | From dead end side | | | | | | |
| | Shobha Saphire Compound side | | | | | | |
| | CH: | | | | | | |
| | 0-15 | 01 | 15.0 | 0.90 | 0.65 | = 8.78 | |

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

| Date | Full description, etc, of work |
|---|---|
| 1 | 2 |
| | 15-30 |
| | 30-45 |
| | 45-60 |
| | 60-75 |
| | 75-90 |
| | 90-105 |
| | 105-120 |
| | 120-135 |
| | 135-150 |
| | 150-165 |

OOK

| th | Depth 6 | Contents 7 | Reference to last Measurement 8 |
|---|---|---|---|
| | | | |
| | | | a means in ordinary soil |
| | | | row upto 2m and an |
| | | | surface levelled and |
| | | | earth to be levelled neatly |
| | | | per specification: |
| | | | |
| | | | |
| | | | |
| 90 | 0.65 | = 8.78 | |

M. A. R. 57 (Rule 116)
Measurement Book

No. B 351302

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

| Date 1 | Full description, etc, of work 2 | Dimensions | | | | Contents 7 | Reference to last Measurement 8 |
|---|---|---|---|---|---|---|---|
| | | Number 3 | Length 4 | Breadth 5 | Depth 6 | | |
| | 15-30 | 01 | 15.0 | 0.90 | 0.70 | = 9.45 | |
| | 30-45 | 01 | 15.0 | 0.90 | 0.72 | = 9.72 | |
| | 45-60 | 01 | 15.0 | 0.90 | 0.80 | = 10.80 | |
| | 60-75 | 01 | 15.0 | 0.90 | 0.85 | = 11.48 | |
| | 75-90 | 01 | 15.0 | 0.90 | 0.90 | = 12.15 | |
| | 90-105 | 01 | 15.0 | 0.90 | 1.20 | = 16.20 | |
| | 105-120 | 01 | 15.0 | 0.90 | 1.20 | = 16.20 | |
| | 120-135 | 01 | 15.0 | 0.90 | 1.30 | = 17.55 | |
| | 135-150 | 01 | 15.0 | 0.90 | 1.30 | = 17.55 | |
| | 150-165 | 01 | 15.0 | 0.90 | 1.50 | = 20.25 | |
| | | | | | | 150.12 cum | |

# MEASUREMENT BOOK

| Date | Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | Desilting of existing drain:- | | | | | | |
| | CH: | | | | | | |
| | 0-15 | 01 | 15.0 | 0.60 | 0.60 | = 5.40 | |
| | 15-30 | 01 | 15.0 | 0.60 | 0.60 | = 5.40 | |
| | 30-45 | 01 | 15.0 | 0.60 | 0.60 | = 5.40 | |
| | 45-60 | 01 | 15.0 | 0.60 | 0.60 | = 5.40 | |
| | 60-75 | 01 | 15.0 | 0.60 | 0.60 | = 5.40 | |
| | 75-90 | 01 | 15.0 | 0.60 | 0.60 | = 5.40 | |
| | 90-96.5 | 01 | 6.50 | 0.60 | 0.60 | = 2.34 | |
| | | | | | | 34.74 cum. | |
| | | | | TOTALS | | 184.86 cum | |

Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

Asstt. N.D
AE(W)

M. A. B
Mea

Serial No. .....
Name of Work ..... From..
Name of Contractor of nature of Agency .....
Date of commencement of work .....

| Date | Full description, etc, of work | Number |
|---|---|---|
| 1 | 2 | 3 |
| | Item No. 02:- Premeasurements re | |
| | Providing and laying mix 1:4:8 using 40mm and mixed, concrete laid in l compacted in foundation a labour, Hire of machinery | |
| | RCC-DRAIN - BOTTOM:- | |
| | 0-15 | 01 |

| th | Contents 7 | Reference to last Measurement 8 |
|---|---|---|
| | = 5.40 | |
| | = 5.40 | |
| | = 5.40 | |
| | = 5.40 | |
| | = 5.40 | |
| | = 5.40 | |
| | = 2.34 | |
| | 34.74 cum. | |
| | 184.86 cum | |

M.D. N.D
AE(W)

**M. A. R. 57 (Rule 116)**
Measurement Book

**No. B** 351303

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

| Date 1 | Full description, etc, of work 2 | Dimensions | | | | Contents 7 | Reference to last Measurement 8 |
|---|---|---|---|---|---|---|---|
| | | Number 3 | Length 4 | Breadth 5 | Depth 6 | | |
| | Item No. 02:- Premeasurements recorded on: 13-3-17. Providing and laying in position plain cement concrete of nominal mix 1:4:8 using 40mm and down size graded granite metal machine mixed, concrete laid in layers not exceeding 15cms. thick well compacted in foundation and plinth, including cost of all materials labour, Hire of machinery, curing complete as per specifications: | | | | | | |
| | RCC- DRAIN - BOTTOM:- | | | | | | |
| | 0-15 | 01 | 15.0 | 0.90 | 0.15 | = 2.03 | |

# MEASUREMENT BOOK

| Date | Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | 15-30 | 01 | 15.0 | 0.90 | 0.15 | = 2.03 | |
| | 30-45 | 01 | 15.0 | 0.90 | 0.15 | = 2.03 | |
| | 45-60 | 01 | 15.0 | 0.90 | 0.15 | = 2.03 | |
| | 60-75 | 01 | 15.0 | 0.90 | 0.15 | = 2.03 | |
| | 75-90 | 01 | 15.0 | 0.90 | 0.15 | = 2.03 | |
| | 90-105 | 01 | 15.0 | 0.90 | 0.15 | = 2.03 | |
| | 105-120 | 01 | 15.0 | 0.90 | 0.15 | = 2.03 | |
| | 120-135 | 01 | 15.0 | 0.90 | 0.15 | = 2.03 | |
| | 135-150 | 01 | 15.0 | 0.90 | 0.15 | = 2.03 | |
| | 150-165 | 01 | 15.0 | 0.90 | 0.15 | = 2.03 | |
| | | | | | | 22.28 cum. | |

Assistant Executive Engineer.
Kodigehalli Sub Division
Yelahanka Zone, B.B.M.P.,
Bangalore.

AE(W7)
13/3/17

M. A.
Mea

Serial No. .....
Name of Work ..... From
Name of Contractor of nature of Agency .....
Date of commencement of work .....

| Date | Full description, etc, of work | Number |
|---|---|---|
| 1 | 2 | 3 |
| | Item No. 05:- Premeasurements | |
| | Providing and layin | |
| | of design mix M20 with OPC | |
| | size graded granite meta | |
| | fine aggregates @ 0.459 cu | |
| | Ds. not exceeding 15cms t | |
| | plinth, bed blocks, plain | |
| | all materials labour, | HOM |

BOOK

| dth | Depth 6 | Contents 7 | Reference to last Measurement 8 |
|---|---|---|---|
| 0 | 0.15 | = 2.03 | |
| 90 | 0.15 | = 2.03 | |
| 90 | 0.15 | = 2.03 | |
| 90 | 0.15 | = 2.03 | |
| 90 | 0.15 | = 2.03 | |
| 90 | 0.15 | = 2.03 | |
| 90 | 0.15 | = 2.03 | |
| 90 | 0.15 | = 2.03 | |
| 90 | 0.15 | = 2.03 | |
| 90 | 0.15 | = 2.03 | |
| | | 22.28 cum. | Amplified N.D AE(WZ) 13/3/17 |

**M. A. R. 57 (Rule 116)**
Measurement Book

**No. B** 351304

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

| Date 1 | Full description, etc, of work 2 | Dimensions: Number 3 | Length 4 | Breadth 5 | Depth 6 | Contents 7 | Reference to last Measurement 8 |
|---|---|---|---|---|---|---|---|
| | Item No 05:- Premeasurements recorded on: 18-3-17. | | | | | | |
| | Providing and laying in position reinforced cement concrete of design mix M30 with OPC cement @ 320 kgs with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregates @ 0.459 cum with superplastigers @ 3 lts confirming to IS. not exceeding 15cms thick, vibrated for all works in foundation plinth, bed blocks, plain windows cills fillets etc., including cost of all materials labour, HOM of machinery curing.), | | | | | | |

# MEASUREMENT BOOK

| Date | Full description, etc, of work | | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|---|
| | | | Number | Length | Breadth | Depth | | |
| 1 | 2 | | 3 | 4 | 5 | 6 | 7 | 8 |
| | Details. | Ch. | Le | No of rods | Le of U bar | Total length: 10mm | 8mm. | |
| | Main rod Distribution | 0-15 | 15 | 150 / 5 | 1.85 / 15 | 277.5 / – | – / 75.0 | |
| | Main rod Distribution | 15-30 | 15 | 150 / 5 | 2.05 / 15 | 307.5 / – | – / 75.0 | |
| | Main rod Distribution | 30-45 | 15 | 150 / 5 | 2.05 / 15 | 307.5 / – | – / 75.0 | |
| | Main rod Distribution | 45-60 | 15 | 150 / 6 | 2.15 / 15 | 322.5 / – | – / 90.0 | |

M. A. R
Measu

Serial No. .....
Name of Work ..... From....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

| Date | Full description, etc, of work | | Number |
|---|---|---|---|
| 1 | 2 | | 3 |
| | Main rod Distribution | 60-75 | 15.0 |
| | Main rod Distribution | 75-90 | 15.0 |
| | Main rod Distribution | 90-105 | 15.0 |
| | Main rod Distribution | 105-120 | 15.0 |
| | Main rod Distribution | 120-135 | 15.0 |

## IT BOOK

| ensions | | Contents | Reference to last Measurement |
|---|---|---|---|
| Breadth 5 | Depth 6 | 7 | 8 |
| le of U bar | Total length: 10mm | 8mm. | |
| 1.85 | 277.5 | – | |
| 15 | – | 75.0 | |
| 2.05 | 307.5 | – | |
| 15 | – | 75.0 | |
| 2.05 | 307.5 | – | |
| 15 | – | 75.0 | |
| 2.15 | 322.5 | – | |
| 15 | – | 90.0 | |

**M. A. R. 57 (Rule 116)**
Measurement Book

**No. B** 351305

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

| Date 1 | Full description, etc, of work 2 | | Dimensions: Number 3 | Length 4 | Breadth 5 | Depth 6 | Contents 7 | Reference to last Measurement 8 |
|---|---|---|---|---|---|---|---|---|
| | Main rod Distribution | 60-75 | 15.0 | 150.0<br>6.0 | 2.15<br>15 | 322.50<br>– | –<br>90.0 | |
| | Main rod Distribution | 75-90 | 15.0 | 160.0<br>6.0 | 2.25<br>15 | 360<br>– | –<br>90.0 | |
| | Main rod Distribution | 90-105 | 15.0 | 156.<br>7.0 | 2.85<br>15 | 444.6<br>– | –<br>105.0 | |
| | Main rod Distribution | 105-120 | 15.0 | 155<br>7.0 | 3.45<br>15 | 534.75<br>– | –<br>105.0 | |
| | Main rod Distribution | 120-135 | 15.0 | 166<br>7.0 | 4.05<br>15 | 672.30<br>– | –<br>105.0 | |

# MEASUREMENT BOOK

| Date | Full description, etc, of work | | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|---|
| | | | Number | Length | Breadth | Depth | | |
| 1 | 2 | | 3 | 4 | 5 | 6 | 7 | 8 |
| | Main rod Distribution | 135-150 | 15 | 167<br>07 | 4.05<br>15 | 676.35<br>- | -<br>105.0 | |
| | Main rod Distribution | 150-165 | 15 | 167<br>07 | 4.15<br>15 | 693.05<br>- | -<br>105.0. | |
| | | | | TOTAL | = | 4918.50 | 1095.0 | cum. |
| | 10mm bars @ 0.62 kg/cum | | = 4918.50 x 0.62 = | | | | 3049.50 | kg. |
| | 8mm bars @ 0.39 kg/cum | | = 1095.0 x 0.39 = | | | | 427.05 | kg |
| | | | | | TOTAL = | | 3476.55 | kg |
| | | | | | Qty ltd to = | | 3.45 | tonne |

Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

A.E.E (W.I)
18/5/17

M. A
M

Serial No. .....
Name of Work ..... Fro
Name of Contractor of nature of Agency .....
Date of commencement of work .....

| Date | Full description, etc, of work | Number |
|---|---|---|
| 1 | 2 | 3 |
| | Item No.04:- Premeasurements | |
| | Providing and | remov |
| | etc., and removal of | form |
| | at any thickness including | |
| | and string courses cost o | |
| | Specifications: | |
| | For Rec-drain side wall:- | |
| | 0-15 | 04 |
| | 15-30 | 04 |

BOOK

| ons | | Contents | Reference to last Measurement |
|---|---|---|---|
| readth 5 | Depth 6 | 7 | 8 |
| ·05 | 676·35 | – | |
| 15 | – | 105·0 | |
| 4·15 | 693·05 | – | |
| 15 | – | 105·0 | |
| = | 4918·50 | 1095·0 cum. | |
| ·50 x 0·62 = | | 3049·50 kg. | |
| ·0 x 0·39 = | | 427·05 kg | |
| TOTAL = | | 3476·55 kg | |
| Qty ltd to = | | 3·45 tonne | |

Awarded
AE(CT)
18/3/17

M. A. R. 57 (Rule 116)
Measurement Book

No. B 351306

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

| Date 1 | Full description, etc, of work 2 | Dimensions: Number 3 | Length 4 | Breadth 5 | Depth 6 | Contents 7 | Reference to last Measurement 8 |
|---|---|---|---|---|---|---|---|
| Item No.04:- | Premeasurements recorded on: 18-3-17 | | | | | | |
| | Providing and removing centering, shuttering, structing propping etc., and removal of form work for vertical surface such as walls at any thickness including attached pilasters, buttressed, plinth and string courses cost of all materials, labour complete as per | | | | | | |
| | Specifications: | | | | | | |
| | For Rec-drain side wall:- | | | | | | |
| | 0-15 | 04 | 15·0 | 0·40 | – | = 24·00 | |
| | 15-30 | 04 | 15·0 | 0·50 | – | = 30·00 | |

# MEASUREMENT BOOK

| Date | Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | 30-45 | 04 | 15.0 | 0.5 | - | = 30.00 | |
| | 45-60 | 04 | 15.0 | 0.55 | - | = 33.00 | |
| | 60-75 | 04 | 15.0 | 0.55 | - | = 33.00 | |
| | 75-90 | 04 | 15.0 | 0.60 | - | = 36.00 | |
| | 90-105 | 04 | 15.0 | 0.90 | - | = 54.00 | |
| | 105-120 | 04 | 15.0 | 1.20 | - | = 72.00 | |
| | 120-135 | 04 | 15.0 | 1.50 | - | = 90.00 | |
| | 135-150 | 04 | 15.0 | 1.50 | - | = 90.00 | |
| | 150-165 | 04 | 15.0 | 1.55 | - | = 93.00 | |
| | | | | | | 585.00 | |
| | | | Qty | Ltd | | to 511.00 sq.m | |

Assistant Executive Engineer.
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.
18/3/17

No Lpll/.N.D
AE(W)
18/3/17

M.

Serial No. Main bill
Name of Work ..... F
Name of Contractor of nature of Agency .....
Date of commencement of work .....

| Date | Full description, etc, of work | Num |
|---|---|---|
| 1 | 2 | |
| | Date of completion:- | 27 |
| | Date of Recording:- | 27- |
| | Item No 01:- | |
| | Earthwork excavation | |
| | Qty vide page | |
| | At the rate | |
| | Item No 02:- | |
| | loading and unlo | |

OOK

| th | Depth 6 | Contents 7 | Reference to last Measurement 8 |
|---|---|---|---|
| | – | = 30.00 | |
| | – | = 33.00 | |
| | – | = 33.00 | |
| | – | = 36.00 | |
| | – | = 54.00 | |
| | – | = 72.00 | |
| | – | = 90.00 | |
| | – | = 90.00 | |
| | – | = 93.00 | |
| | | 585.00 | |
| d | | 10 511.00 sqm | |
| | | No Lpll/ .N.D | |
| | | AE(CH) 18/3/17 | |

M. A. R. 57 (Rule 116)
Measurement Book

No. B 351307

Serial No. Main bill:

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

| Date 1 | Full description, etc, of work 2 | Dimensions: Number 3 | Length 4 | Breadth 5 | Depth 6 | Contents 7 | Reference to last Measurement 8 |
|---|---|---|---|---|---|---|---|
| | Date of completion:- | 27-04-17 | | | | | |
| | Date of Recording:- | 27-04-17 | | | | | |
| | Item No 01:- Earthwork excavation: by manual means in ordinary soil: | | | | | | |
| | Qty vide page No. 351A/351302 → | | | | | 184.82 cum | |
| | At the rate of Rs: 80.0 → | | | | | | 14785.60 |
| | Item No 02:- loading and unloading charges: | | | | | | |

# MEASUREMENT BOOK

| Date | Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | Qty vide Item No. 01 → | | 184.22 cum. | | | | |
| | At the rate of Rs → | | 88.50 → | | | | 16356.60 |
| | Item No. 02:- | | | | | | |
| | Providing and laying in position plain cement concrete of nominal mix 1:4:8 using 40mm: | | | | | | |
| | Qty vide page No: 351/351/303 → | | | | | 22.28 cum | |
| | At the rate of Rs 5000.00 → | | | | | | 111400.00 |
| | Item No. 03:- | | | | | | |
| | Providing and fabricating TMT steel reinforcement for | | | | | | |

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

| Date | Full description, etc, of work |
|---|---|
| 1 | 2 |
| | R.C.C work: |
| | Qty vide page |
| | At the rate of |
| | Item No. 04:- |
| | Providing and |
| | Propping etc., |
| | Qty vide page |
| | At the rate of |

OOK

| Depth 6 | Contents 7 | Reference to last Measurement 8 |
|---|---|---|
| cum. | | 16356.60 |
| plain | cement | concrete of |
| → 22.28 cum | | 111400.00 |
| el | steel | reinforcement for |

M. A. R. 57 (Rule 116)
Measurement Book

No. B 351308

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

| Date 1 | Full description, etc, of work 2 | Dimensions: Number 3 | Length 4 | Breadth 5 | Depth 6 | Contents 7 | Reference to last Measurement 8 |
|---|---|---|---|---|---|---|---|
| | R.C.C work: | | | | | | |
| | Qty vide page | No. 3514/351305 → | | | 3.45 tonne | | 204240.00 |
| | At the rate of | Rs: 59200.00 → | | | | | |
| | Item No. 04:- | | | | | | |
| | Providing and removing centering, shuttering, strutting, | | | | | | |
| | propping etc., | | | | | | |
| | Qty vide page | No. 3514/351306 → | | | 511.00 sqm | | 152337.00 |
| | At the rate of | Rs: 298.00 → | | | | | |

# MEASUREMENT BOOK

| Date | Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | Item No.05:- Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 320kgs with 20mm size graded granite metal coarse aggregates @0.878 cum and fine aggregates @0.459 cum with superplastizers @ 3% confirming to IS aggregates machine mixed, concrete laid in layers not exceeding 15cms thick, vibrated for all works in foundation plinth and ground floor level for roof slabs, stair case tincle, retaining walls return walls, plain windows cills fillets etc, including cost of all materials labours. etc., | | | | | | |

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency ....
Date of commencement of work .....

| Date | Full description, etc, of work |
|---|---|
| 1 | 2 |
| | Rec-DRAIN- BOTTOM: 0-15 15-30 30-45 45-60 60-75 75-90 90-105 105-120 120-135 |

OK

| Depth 6 | Contents 7 | Reference to last Measurement 8 |
|---|---|---|
| | | |
| nforced cement concrete | | |
| ookgs with 20mm & 4 size | | |
| gregates @ 0.878 cum and | | |
| plastizers @ 3lts confirming | | |
| laid in layers not | | |
| works in foundation | | |
| slabs, stair case tintle, | | |
| os sills fillets etc., | | |
| etc., | | |

**M. A. R. 57 (Rule 116)**
Measurement Book

**No. B** 351309

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

| Date 1 | Full description, etc, of work 2 | Dimensions | | | | Contents 7 | Reference to last Measurement 8 |
|---|---|---|---|---|---|---|---|
| | | Number 3 | Length 4 | Breadth 5 | Depth 6 | | |
| | Rec-DRAIN- BOTTOM: | | | | | | |
| | 0-15 | 01 | 15.0 | 0.90 | 0.15 | = 2.03 | |
| | 15-30 | 01 | 15.0 | 0.90 | 0.15 | = 2.03 | |
| | 30-45 | 01 | 15.0 | 0.90 | 0.15 | = 2.03 | |
| | 45-60 | 01 | 15.0 | 0.90 | 0.15 | = 2.03 | |
| | 60-75 | 01 | 15.0 | 0.90 | 0.15 | 2.03 | |
| | 75-90 | 01 | 15.0 | 0.90 | 0.15 | = 2.03 | |
| | 90-105 | 01 | 15.0 | 0.90 | 0.15 | = 2.03 | |
| | 105-120 | 01 | 15.0 | 0.90 | 0.15 | = 2.03 | |
| | 120-135 | 01 | 15.0 | 0.90 | 0.15 | = 2.03 | |

# MEASUREMENT BOOK

| Date | Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | 135-150 | 01 | 15.0 | 0.90 | 0.15 | = 2.03 | |
| | 150-165 | 01 | 15.0 | 0.90 | 0.15 | = 2.03 | |
| | | | | | | 22.28 cum. | |
| | SIDEWALL:- | | | | | | |
| | 0-15 | 02 | 15.0 | 0.12 | 0.40 | = 1.44 | |
| | 15-30 | 02 | 15.0 | 0.12 | 0.50 | = 1.80 | |
| | 30-45 | 02 | 15.0 | 0.12 | 0.50 | = 1.80 | |
| | 45-60 | 02 | 15.0 | 0.12 | 0.55 | = 1.98 | |
| | 60-75 | 02 | 15.0 | 0.12 | 0.55 | = 1.98 | |
| | 75-90 | 02 | 15.0 | 0.12 | 0.60 | = 2.16 | |
| | 90-105 | 02 | 15.0 | 0.12 | 0.90 | = 3.24 | |
| | 105-120 | 02 | 15.0 | 0.12 | 1.20 | = 4.32 | |

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency
Date of commencement of work .....

| Date | Full description, etc, of work |
|---|---|
| 1 | 2 |
| | 120-135 |
| | 135-150 |
| | 150-165 |
| | At the |
| | Item No.06:- |
| | Providing and |
| | using reinforced cem |

OOK

| th | Depth 6 | Contents 7 | Reference to last Measurement 8 |
|---|---|---|---|
| | 0.15 | = 2.03 | |
| | 0.15 | = 2.03 | |
| | | 22.28 cum. | |
| | 0.40 | = 1.44 | |
| | 0.50 | = 1.80 | |
| | 0.50 | = 1.80 | |
| | 0.55 | = 1.98 | |
| | 0.55 | = 1.98 | |
| | 0.60 | = 2.16 | |
| | 0.90 | = 3.24 | |
| | 1.20 | = 4.32 | |

**M. A. R. 57 (Rule 116)**
Measurement Book

**No. B**

351310

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

| Date 1 | Full description, etc, of work 2 | Dimensions: Number 3 | Length 4 | Breadth 5 | Depth 6 | Contents 7 | Reference to last Measurement 8 |
|---|---|---|---|---|---|---|---|
| | 120-135 | 02 | 15.0 | 0.12 | 1.50 | = 5.40 | |
| | 135-150 | 02 | 15.0 | 0.12 | 1.50 | = 5.40 | |
| | 150-165 | 02 | 15.0 | 0.12 | 1.55 | = 5.58 | |
| | | | | | | 35.10 | |
| | | | | | TOTAL = | 57.38 cum | |
| | At the rate of Rs. 6100.00 → | | | | | | 350018.00 |
| | Item No. 06.- Providing and fixing 10 cms thick pre cast RCC - covering slab using reinforced cement concrete M20 mix with stone aggregates 20mm | | | | | | |

# MEASUREMENT BOOK

| Date | Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | and doucon size including centering shuttering reinforcement and bar bending machine mixed concrete laid in layers not exceeding 15cm thick well compacted cost of all materials labour curing complete as per specifications: | | | | | | |
| | | 45 | 0.60 | 0.90 | – | = 24.30 | |
| | Missing slabs: | 10 | 0.60 | 0.90 | – | = 5.40 | |
| | | 12 | 0.60 | 0.90 | – | = 6.48 | |
| | | 10 | 0.60 | 0.90 | – | = 5.40 | |
| | | 15 | 0.60 | 0.90 | – | = 8.10 | |
| | | 22 | 0.60 | 0.90 | – | = 11.88 | |
| | | 13 | 0.60 | 0.90 | – | = 7.02 | |
| | | | | TOTAL | | = 68.58 | Sqm. |

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agenc
Date of commencement of work .....

| Date | Full description, etc, of work |
|---|---|
| 1 | 2 |
| | Qty Up |
| | At the |

C & E

Assistant Executive Engineer
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

K

| | Contents | Reference to last Measurement |
|---|---|---|
| epth 6 | 7 | 8 |
| ering reinforcement and | | |
| aid in layers not | | |
| ost of all materials | | |
| ations: | | |
| – | = 24.30 | |
| | = 5.40 | |
| | = 6.48 | |
| | = 5.40 | |
| | = 8.10 | |
| | = 11.88 | |
| | = 7.02 | |
| AL = | 68.58 sqm. | |

M. A. R. 57 (Rule 116)
Measurement Book

No. B 351311

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

| Date 1 | Full description, etc, of work 2 | Dimensions: Number 3 | Length 4 | Breadth 5 | Depth 6 | Contents 7 | Reference to last Measurement 8 |
|---|---|---|---|---|---|---|---|
| | Qty Ltd to: 68.40 sqm | | | | | | 119700.00 |
| | At the rate of Rs: 1750.00 → | | | | | | |
| | GRAND TOTAL = | | | | | | 9,68,837.00 |

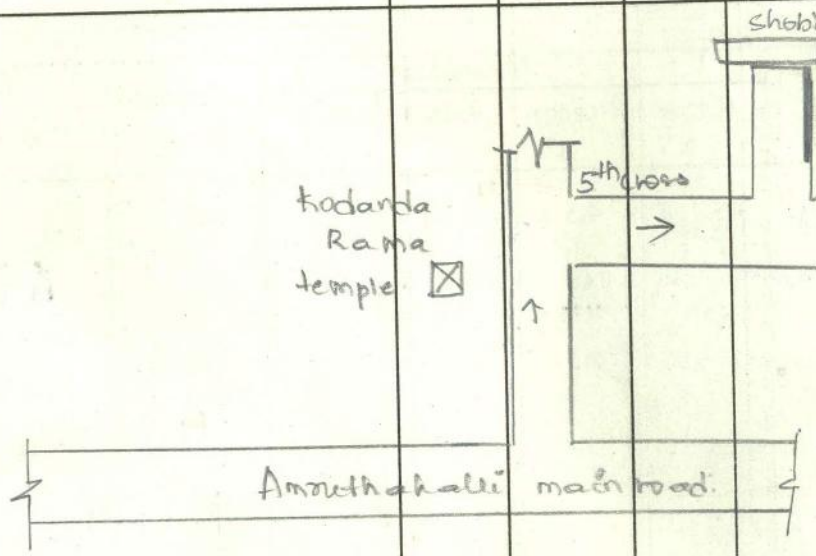
Cash Bill

Assistant Executive Engineer.
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

Received ND
At (W7)
27/4/17.

# MEASUREMENT BOOK

| Date | Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | | | | | | Shobhasaphire apt compound | |
| | | | | | | RCC-drain 165.0m | |
| | | | | | | INDEX RCC-drain. | |




PLAN

AE(W)

Assistant Executive Engineer
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.
Bangalore

Serial No. Royalty charges:
Name of Work
Name of Contractor of nature of Agency
Date of commencement of work

| Date | Full description, etc, of work |
|---|---|
| 1 | 2 |
| SL-NO | Details: |
| 02. | 40mm: 92.38 cum: |
| 05. | 20mm: 57.38 cum. |
| 06. | 10 cms th slabs:- 68.4x0.1 = 6.84 |
| | TOTAL. |
| | ABSTRACT:- |
| | 1) Coarse aggregate |
| | 2) fine aggregates |

| | Contents | Reference to last Measurement |
|---|---|---|
| oth 6 | 7 | 8 |
| | asaphire apt compound | |
| | RCC-drain 165.0m | |
| | INDEX | |
| | RCC-drain. | |

M. A. R. 57 (Rule 116)
Measurement Book

No. B 351312

Serial No. Royalty charges: From..... To.....

Name of Work .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

| Date | Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | | |
| 1 | 2 | Jelly 3 | 4 | sand 5 | 6 | cement: 7 | 8 |
| | | Co-eff | qty | Co-eff | qty | Co-eff | qty |
| L-NO | Details: | | | | | | |
| 02. | 40mm: 92.38 cum: | 0.96 | 21.48 | 0.48 | 10.74 | - | - |
| 05. | 20mm: 57.38 cum. | 0.90 | 51.64 | 0.45 | 25.82 | - | - |
| 06. | 10 cms th slabs:- 68.4x0.10 = 6.84 | 0.846 | 5.78 | 0.424 | 2.90 | - | - |
| | TOTAL. | | 78.90 | | 39.46 | - | - |
| | ABSTRACT:- | | | | | | |
| | 1) Coarse aggregates: | 78.90 | x | | | | |
| | 2) fine aggregates: | 39.46 | x | | | | |

Executive Engineer
Division,
B.B.M.P.

# MEASUREMENT BOOK

| Date | Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | CERTIFICATE:- | | | | | | |
| | 1) Certified that the work done by the contractor is satisfactory. | | | | | | |
| | 2) Certified that debris has been removed from the work spot. | | | | | | |
| | A.E(W7) | | | | | | |
| | Assistant Executive Engineer. Kodigehalli Sub Division. Yelahanka Zone, B.B.M.P. Bangalore. | | | | | | |

BR/28/28.4.20

Serial No. .....

Name of Work .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

| Date | Full description, etc, of work |
|---|---|
| 1 | 2 |
| | 9.6 |
| | Rs: Eight Lakhs |
| | one hundred only |

T BOOK

| Dimensions | | Contents | Reference to last Measurement |
|---|---|---|---|
| Breadth 5 | Depth 6 | 7 | 8 |
| | | | |
| | | | |
| | | |